

Program EVALPLOT
(Version 2018-1)

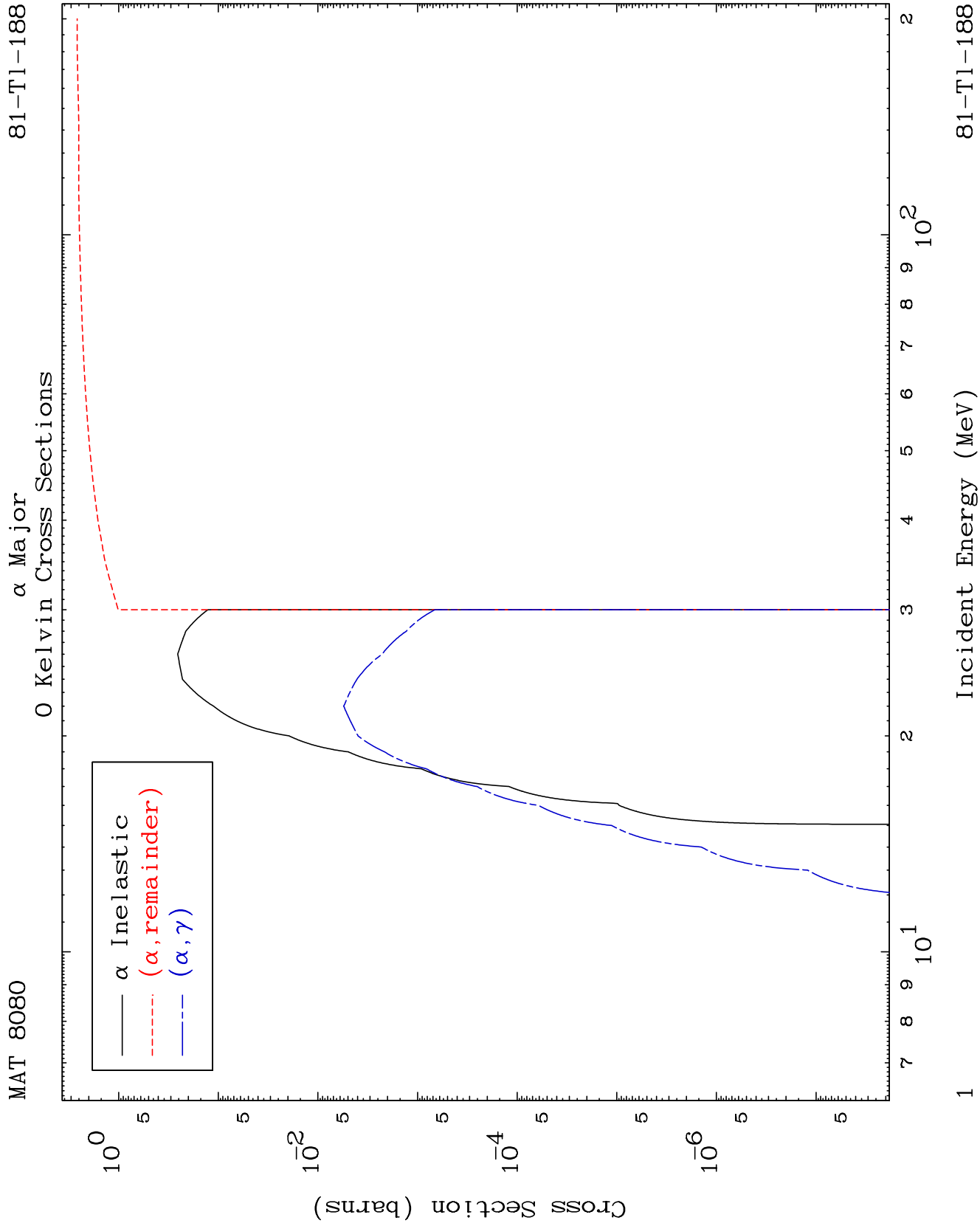
by

Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

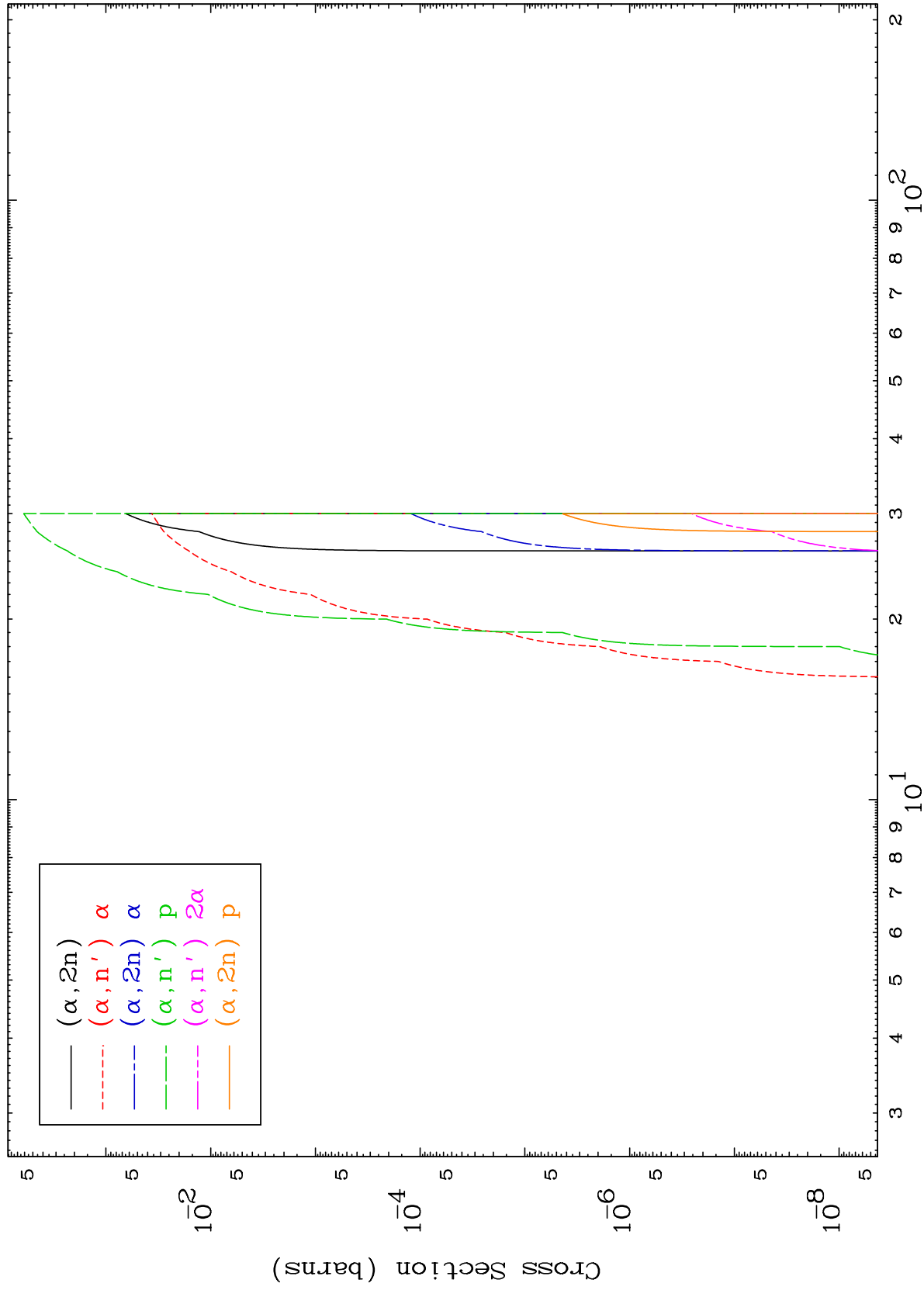
Press Mouse Button to Start



MAT 8080

α Neutron Production
0 Kelvin Cross Sections

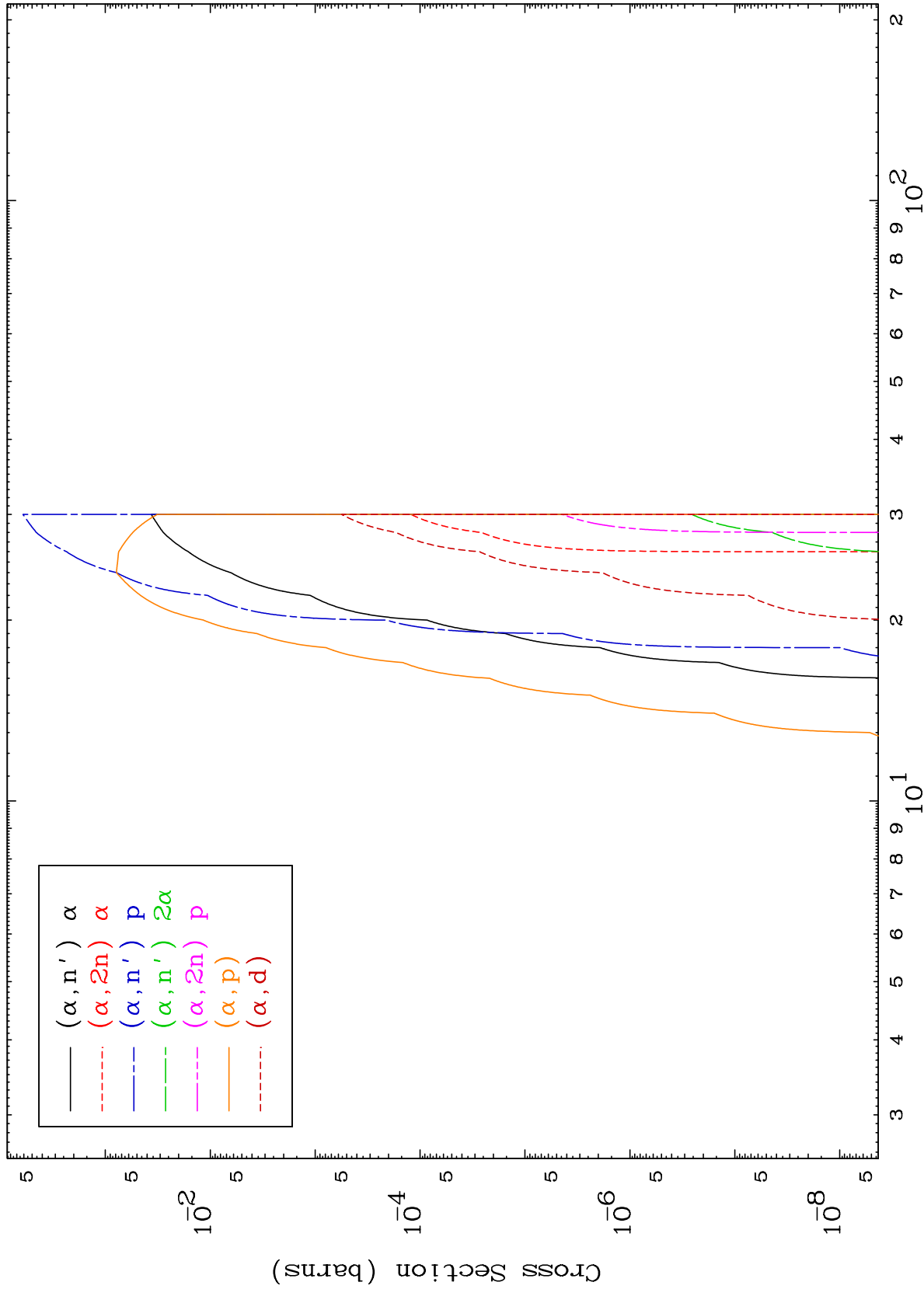
81-Tl-188



2

Incident Energy (MeV)

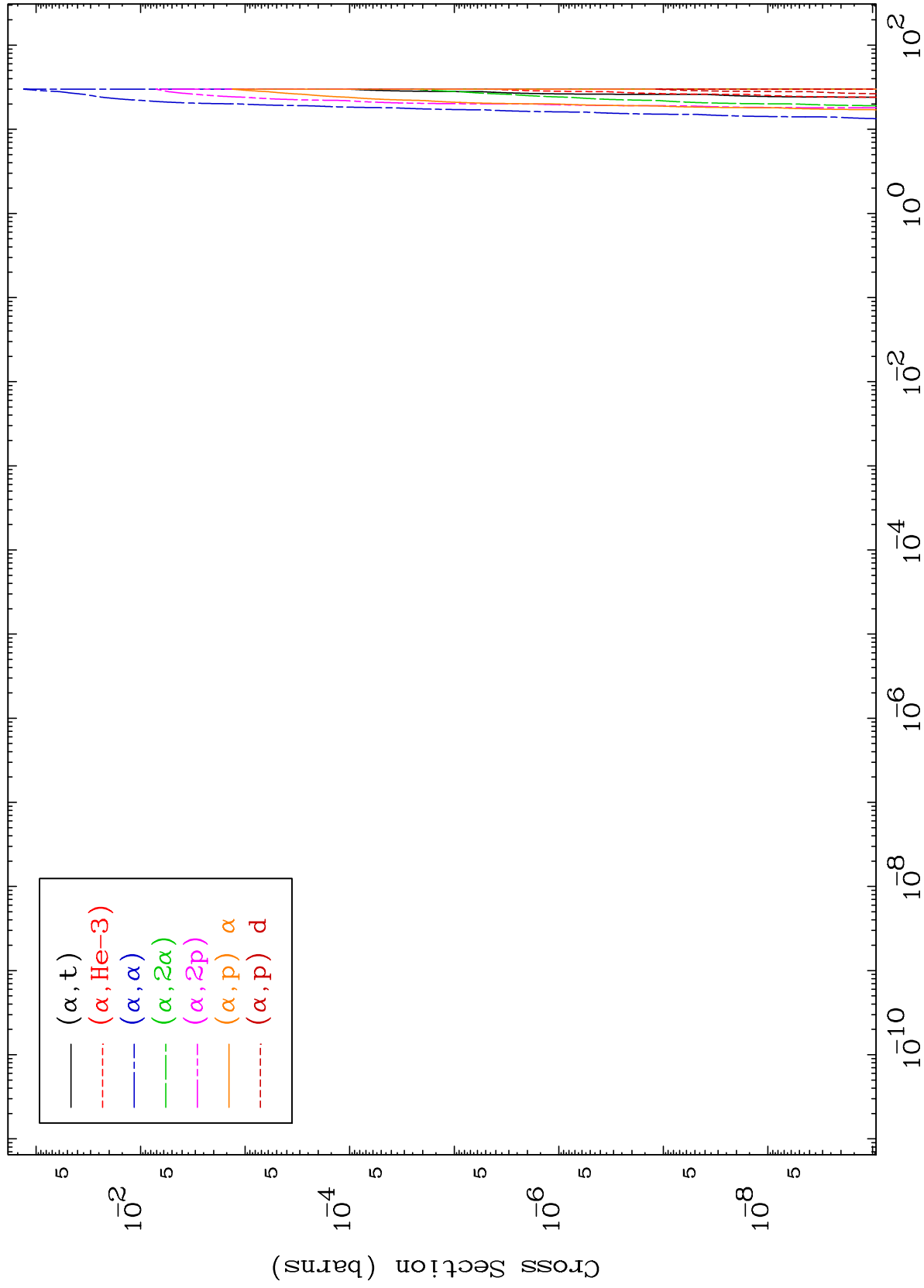
81-Tl-188



MAT 8080

α Charged Particle
0 Kelvin Cross Sections

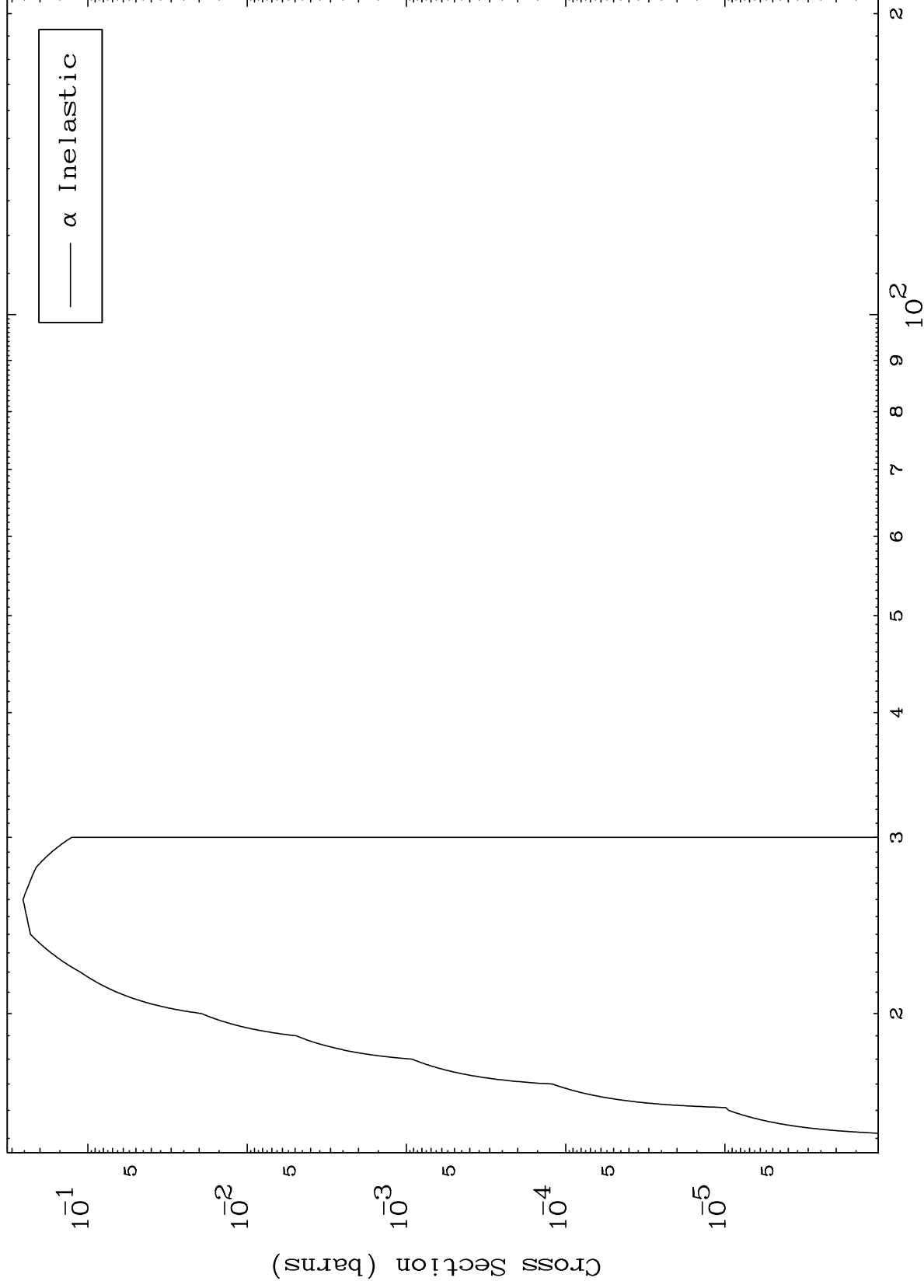
81-Tl-188



MAT 8080

(α, n') Level
0 Kelvin Cross Sections

81-Tl-188



5

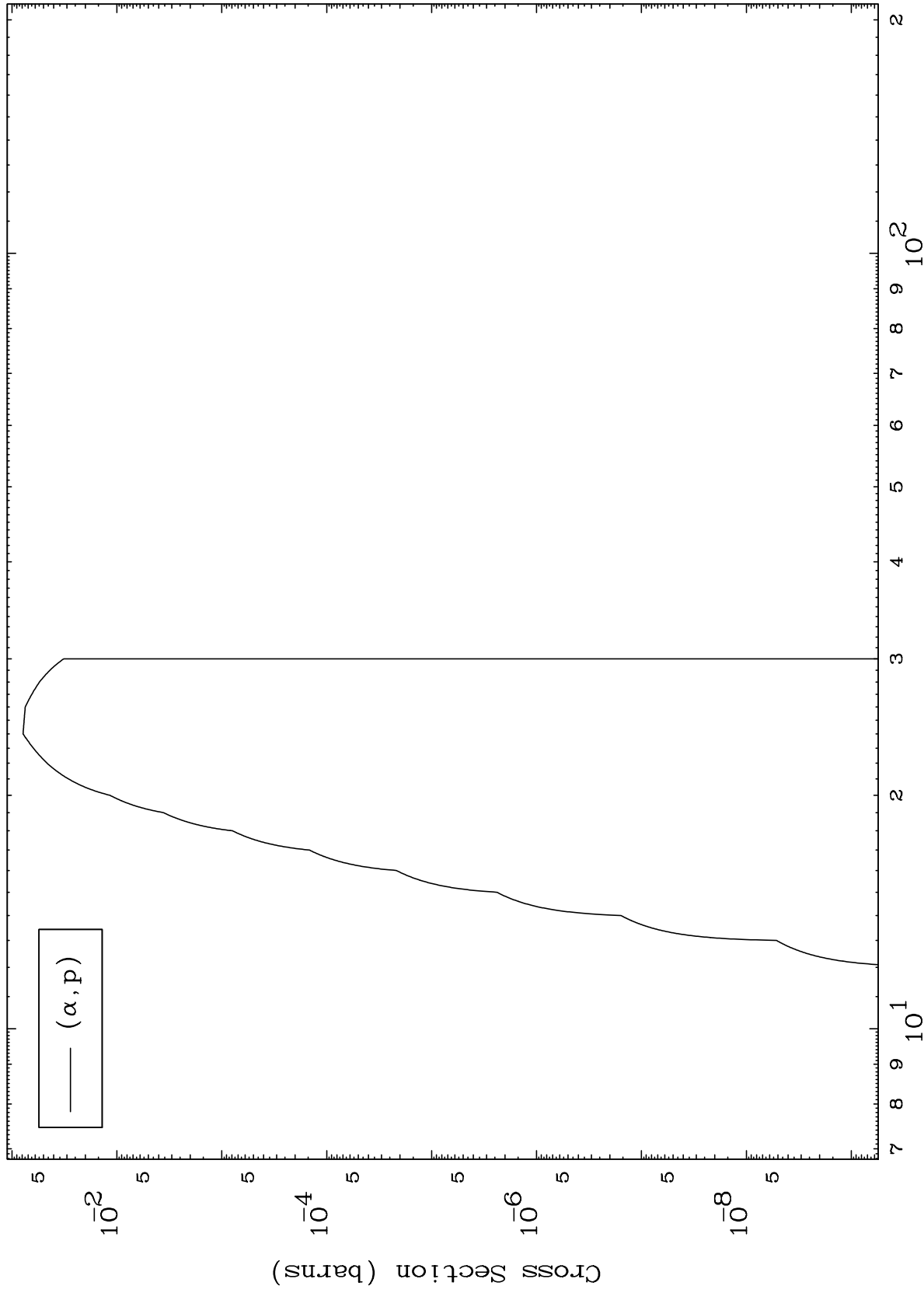
Incident Energy (MeV)

81-Tl-188

MAT 8080

81-Tl-188

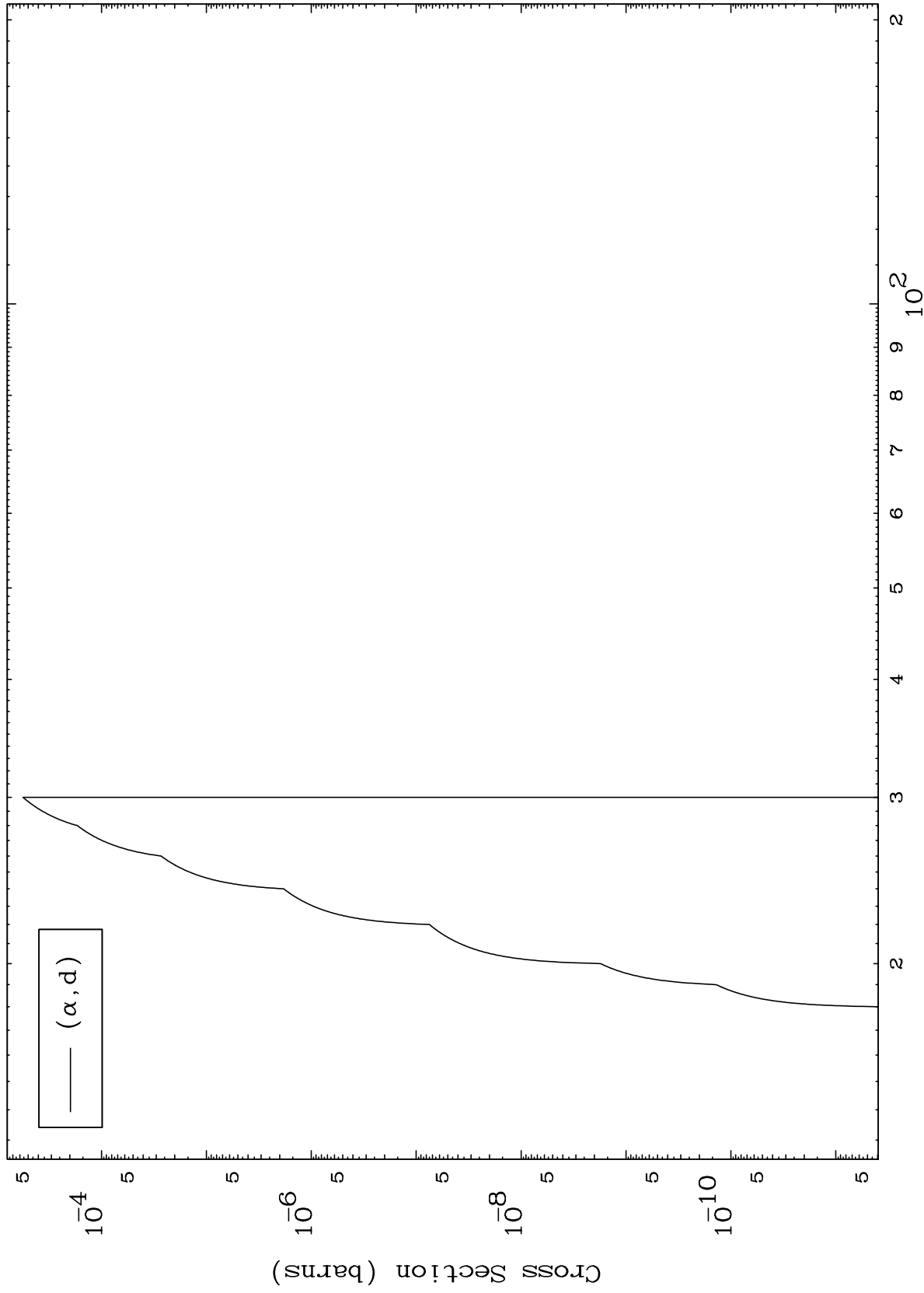
(α, p) Levels
0 Kelvin Cross Sections



MAT 8080

(α ,d) Levels
0 Kelvin Cross Sections

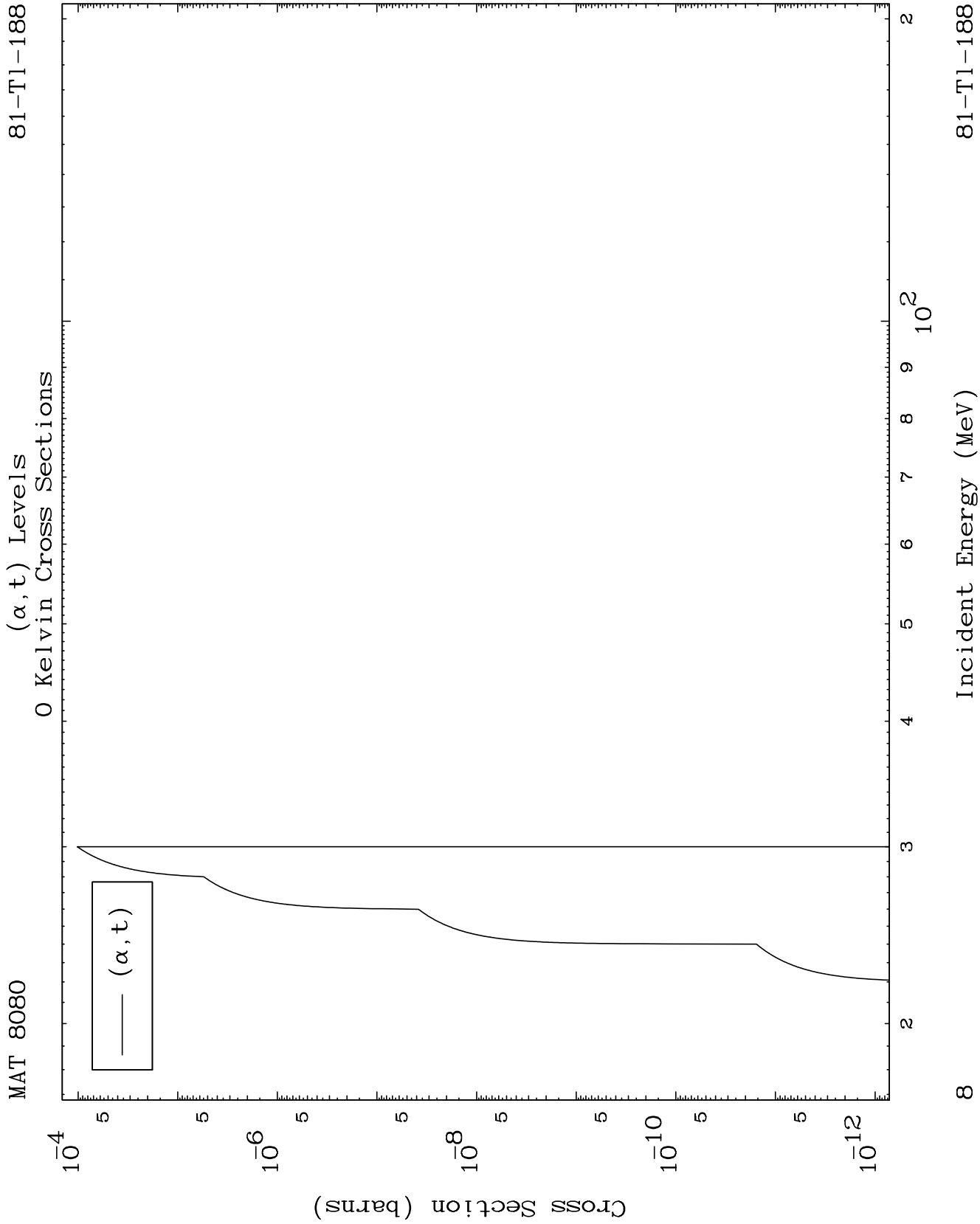
81-Tl-188

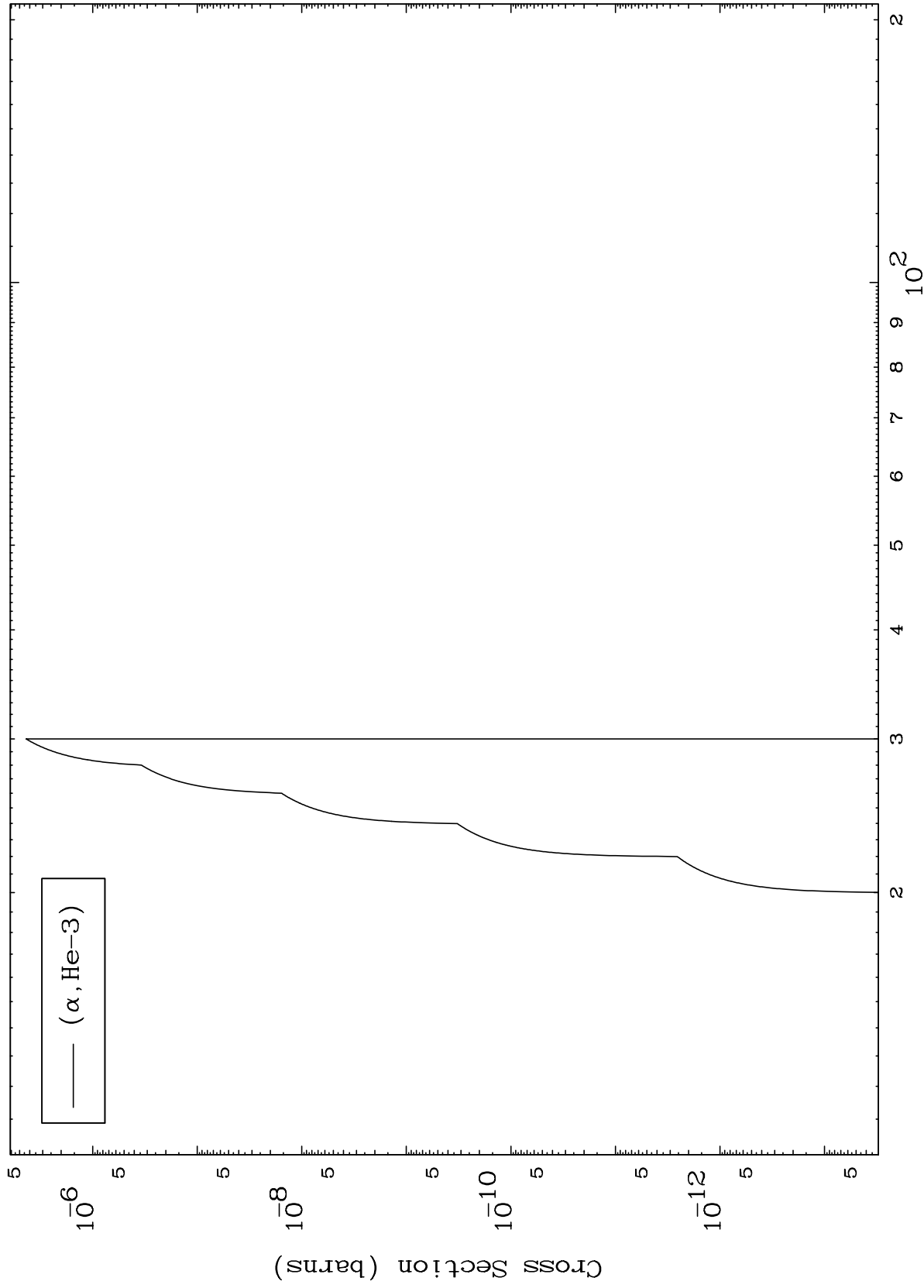


7

Incident Energy (MeV)

81-Tl-188



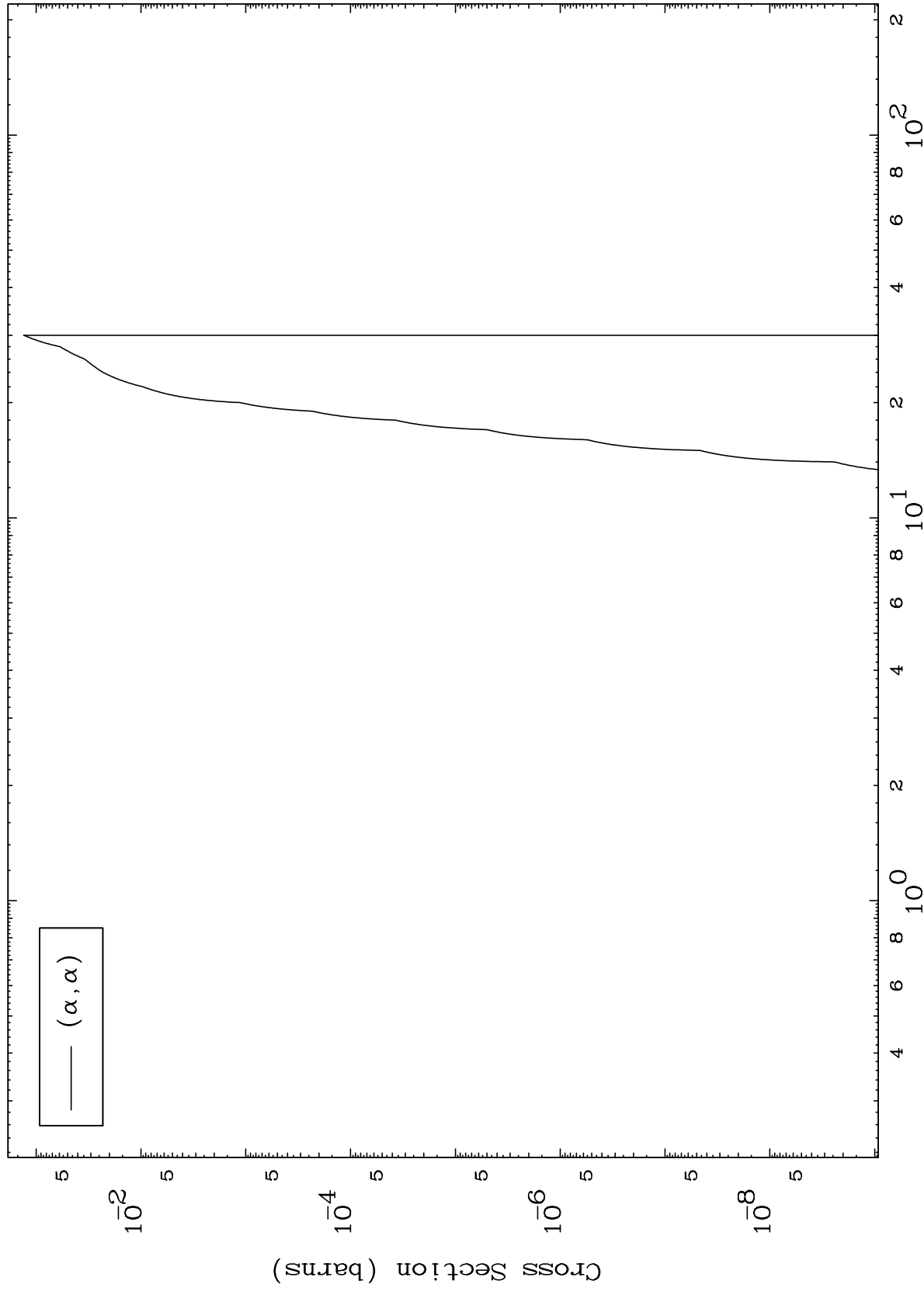


MAT 8080

(α, α) Levels

81-Tl-188

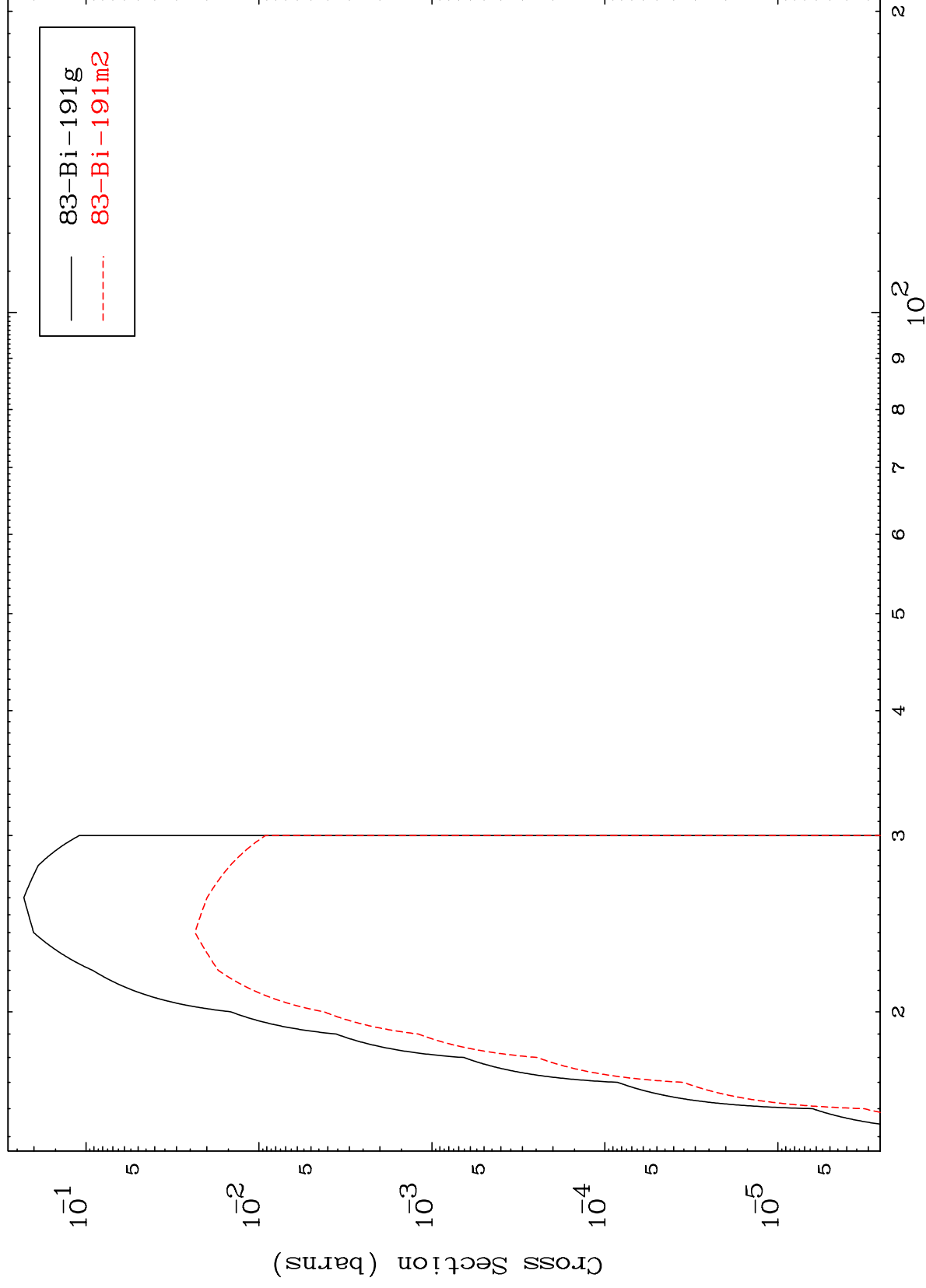
0 Kelvin Cross Sections

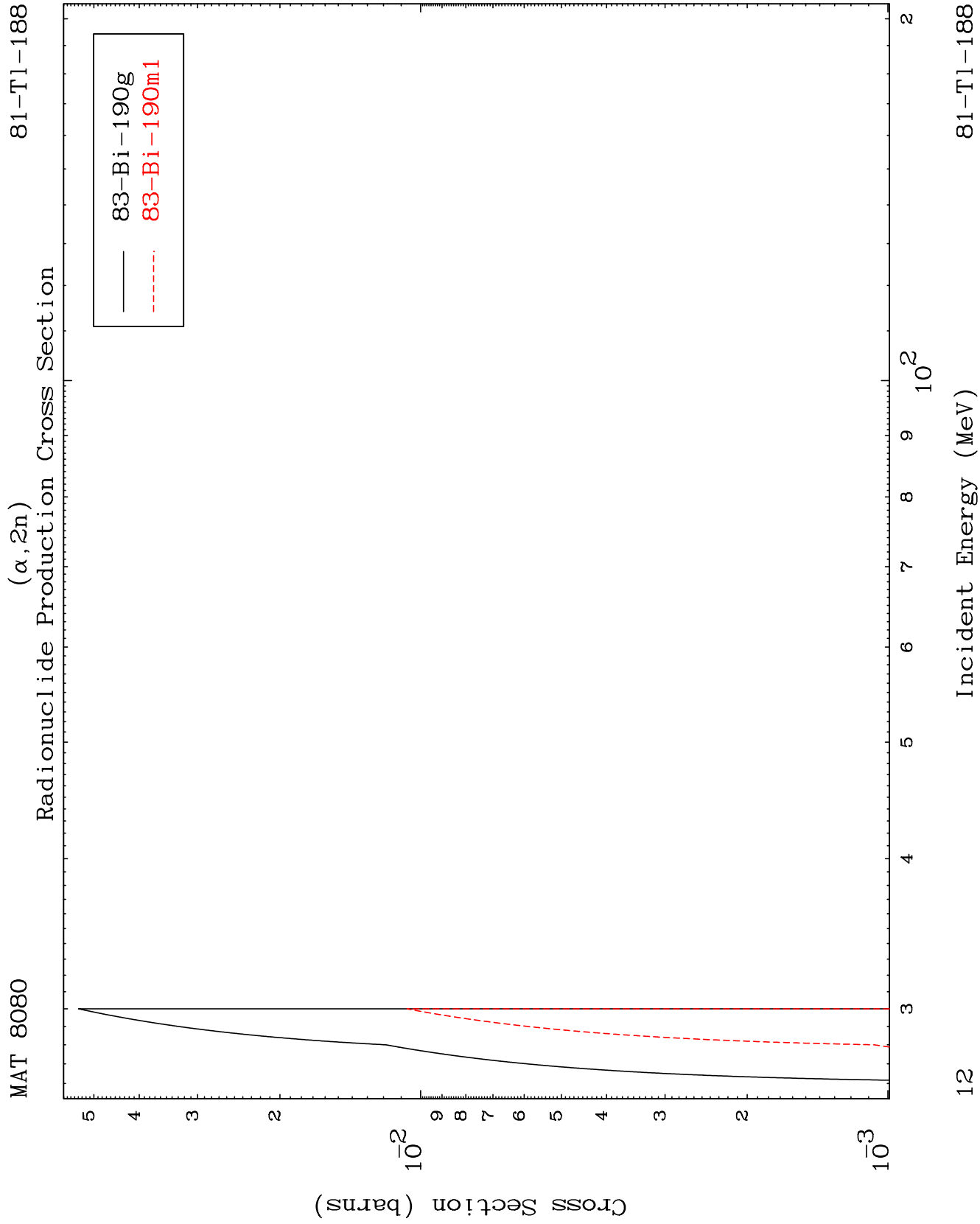


10

Incident Energy (MeV)

81-Tl-188

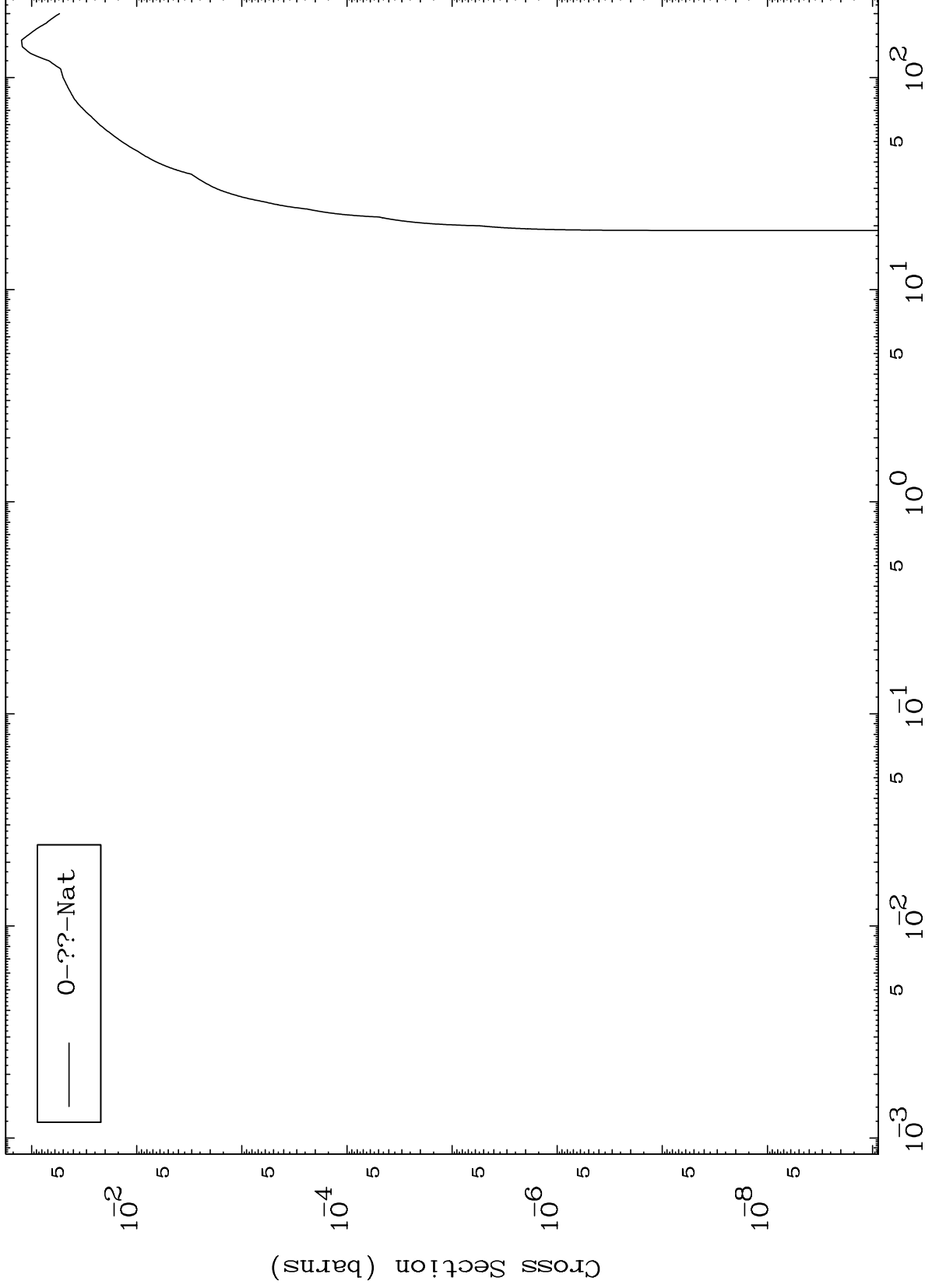
α Inelastic
Radionuclide Production Cross Section



MAT 8080

α Fission
Radionuclide Production Cross Section

81-Tl-188



Incident Energy (MeV)

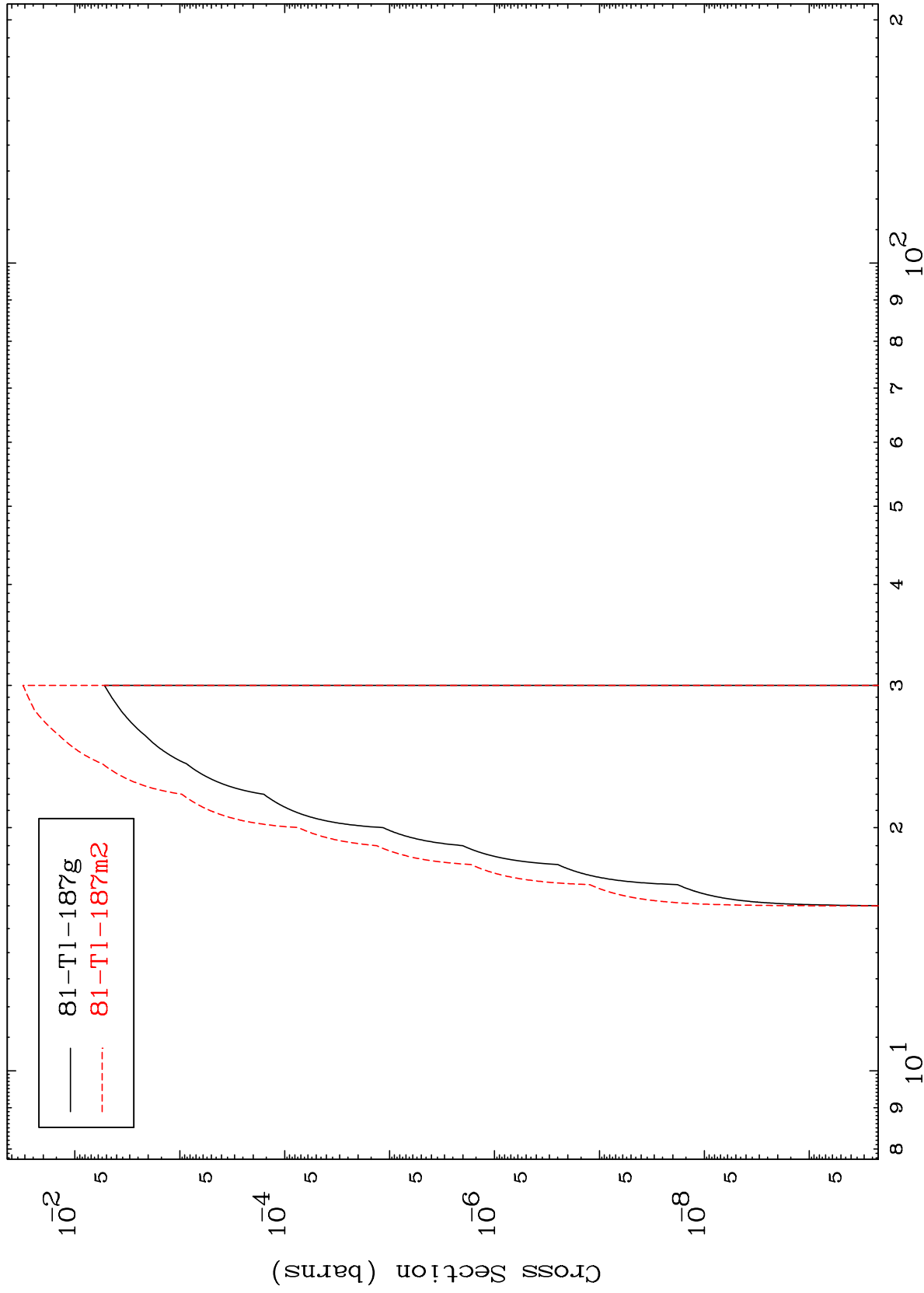
81-Tl-188

MAT 8080

$(\alpha, n') \alpha$

81-Tl-188

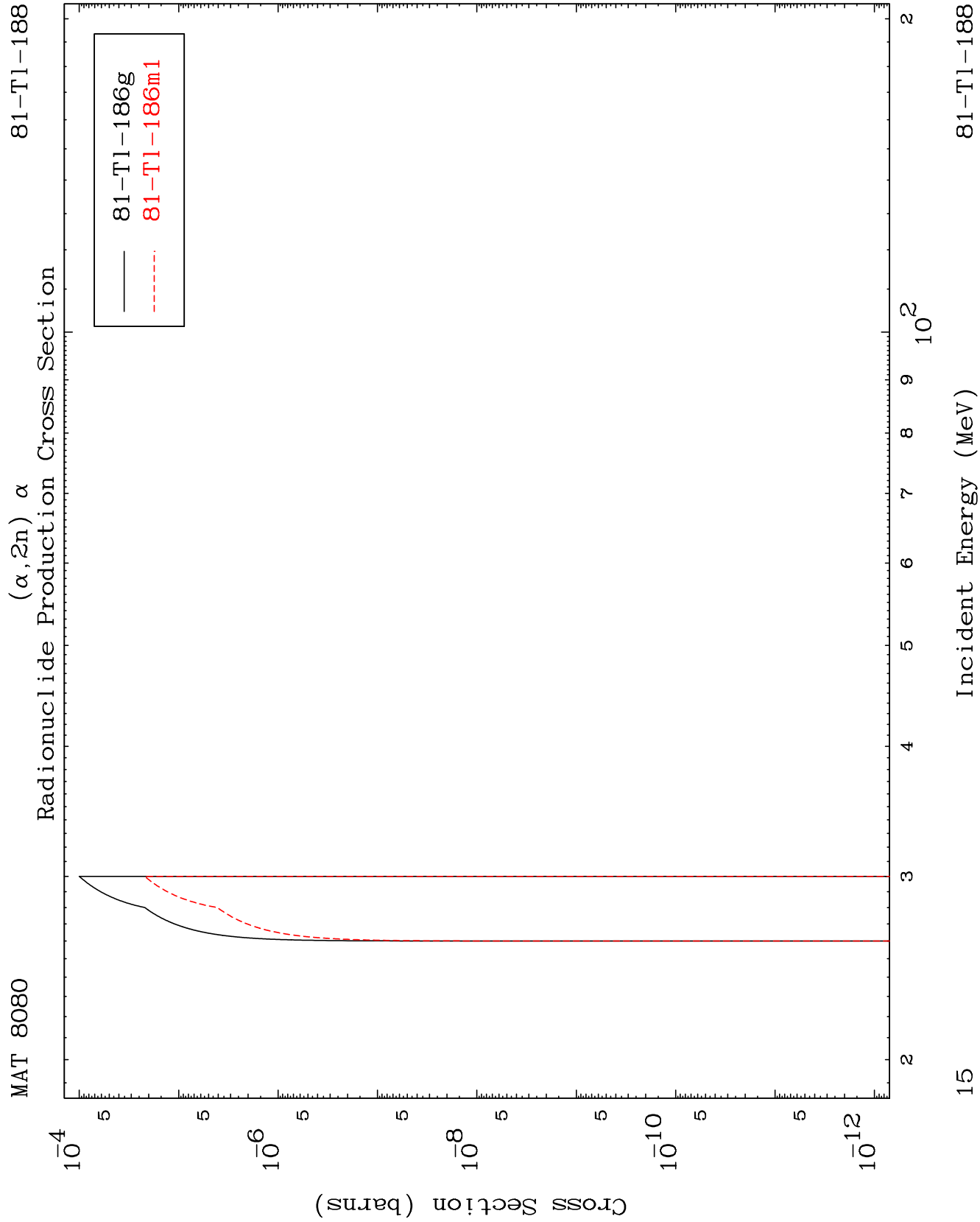
Radionuclide Production Cross Section



14

Incident Energy (MeV)

81-Tl-188

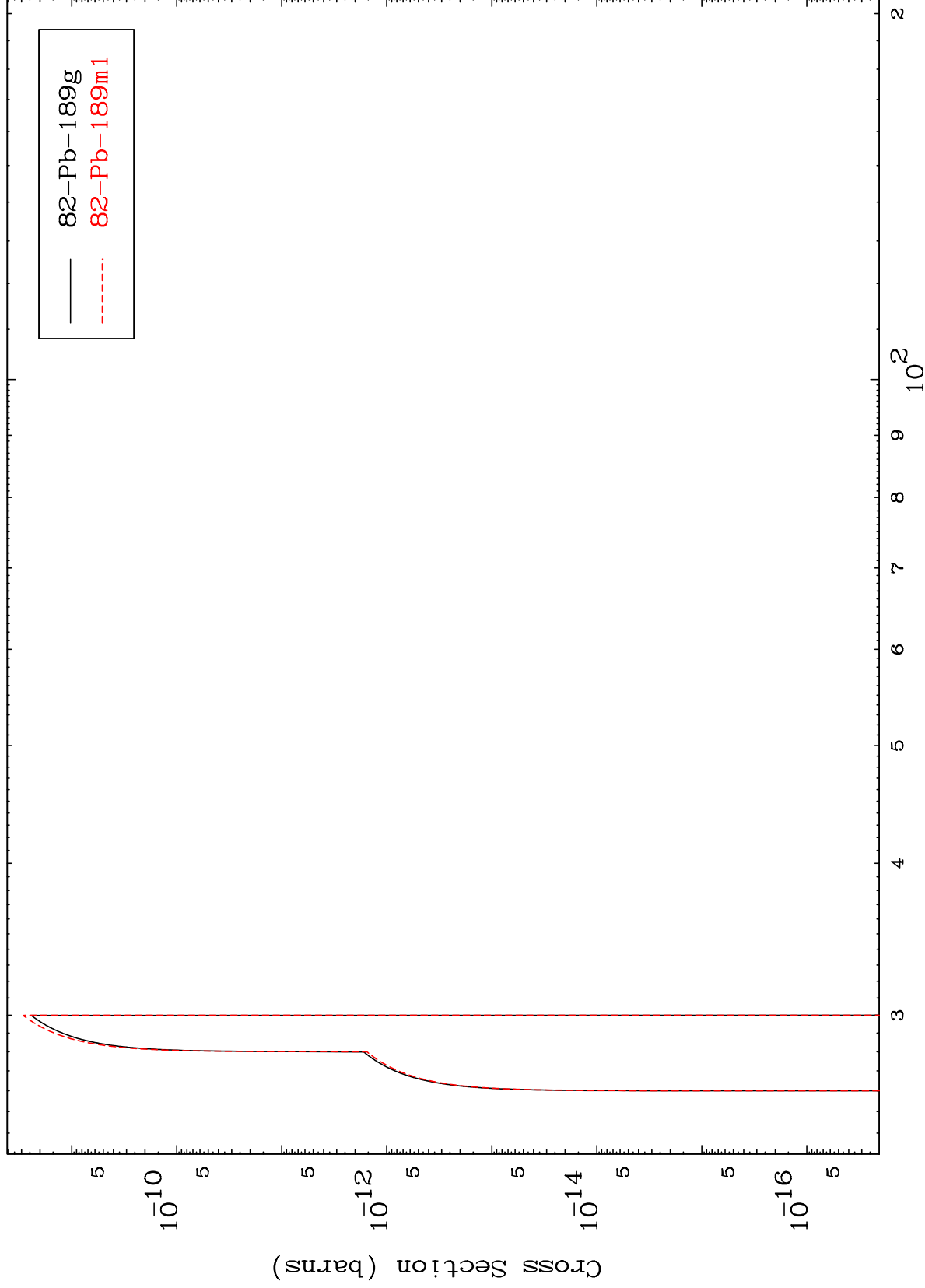


MAT 8080

(α, n') d

Radionuclide Production Cross Section

81-Tl-188



16

Incident Energy (MeV)

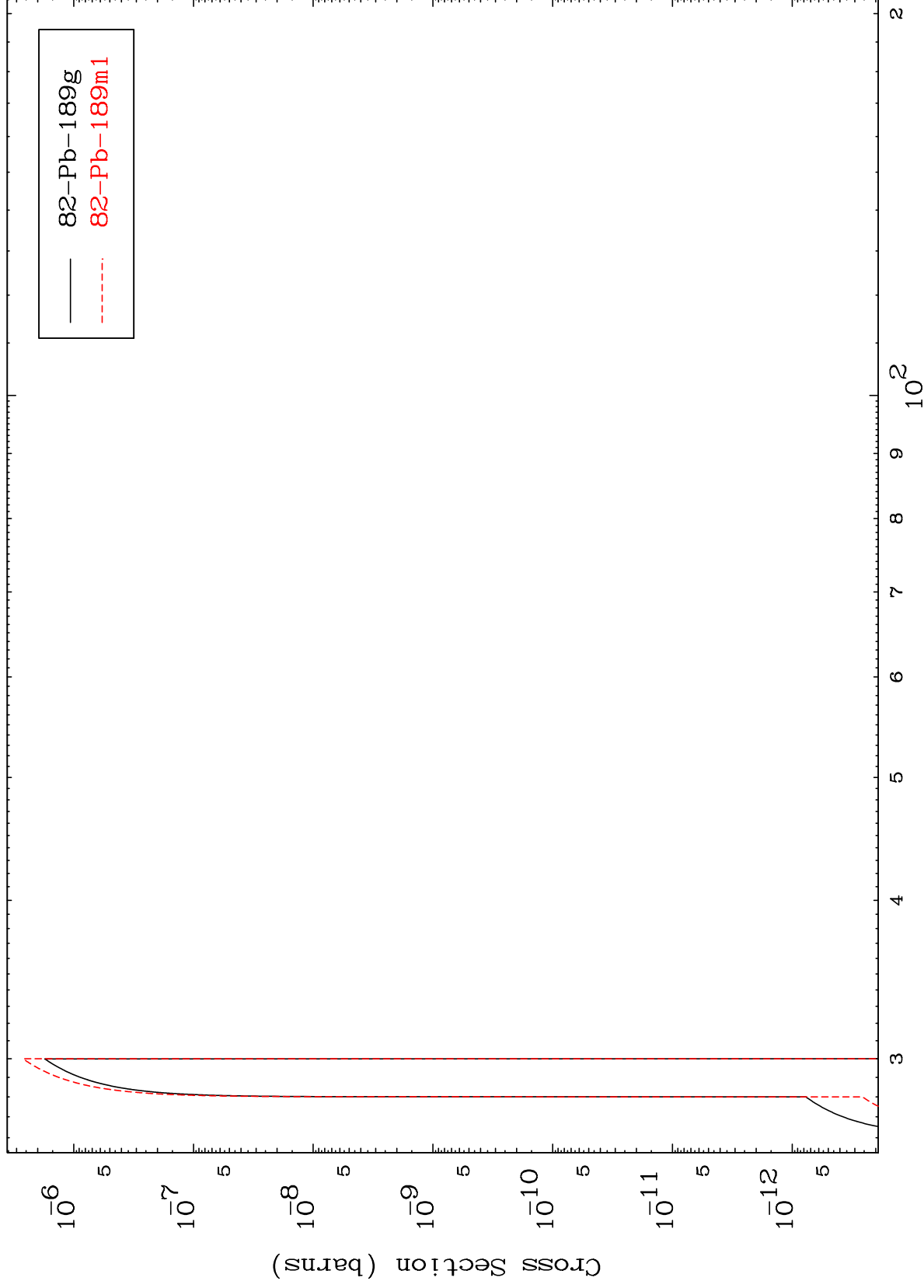
81-Tl-188

MAT 8080

$(\alpha, 2n)$ p

81-Tl-188

Radionuclide Production Cross Section



17

Incident Energy (MeV)

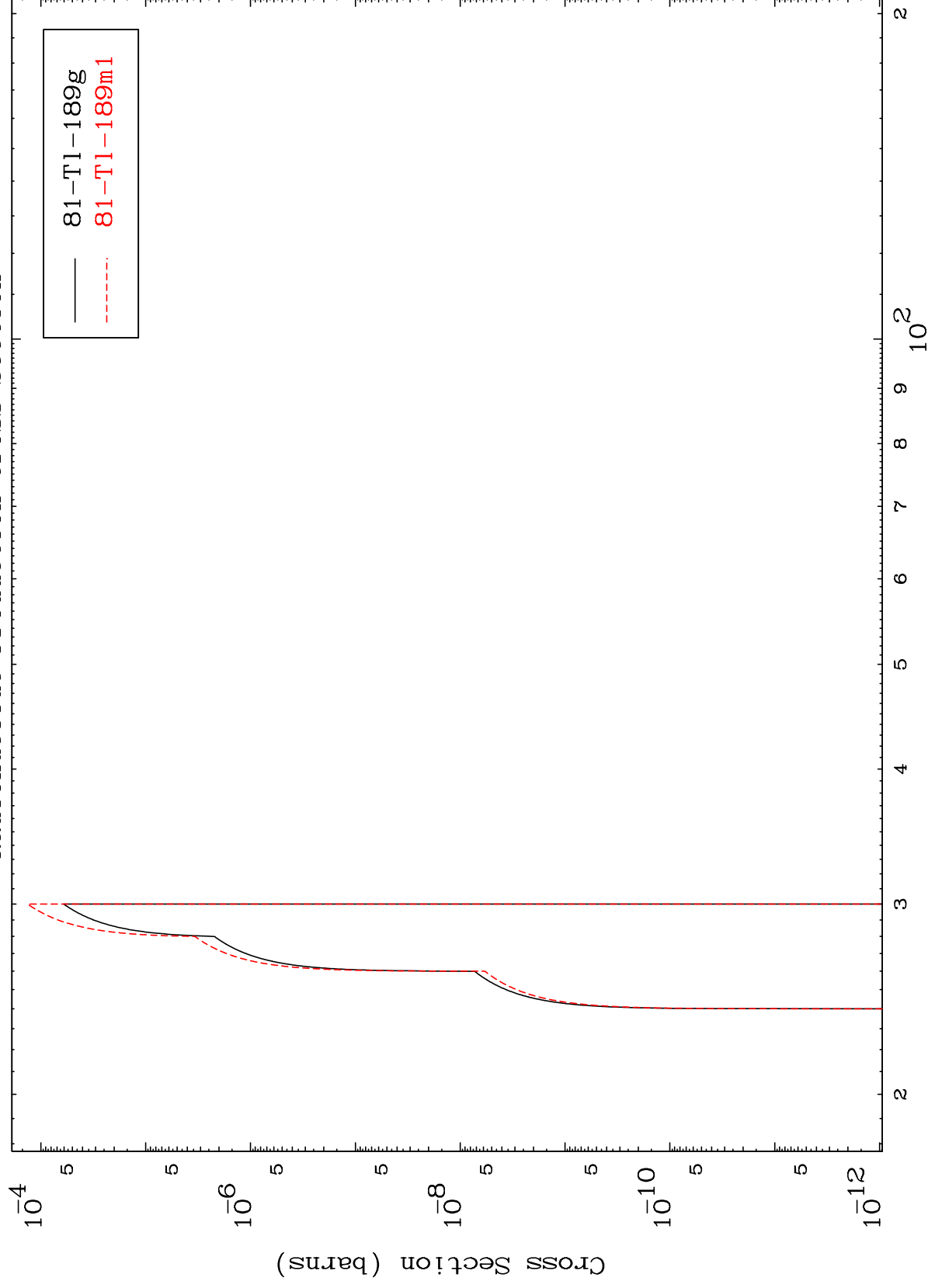
81-Tl-188

MAT 8080

$(\alpha, 2n)$ p

81-Tl-188

Radionuclide Production Cross Section



18

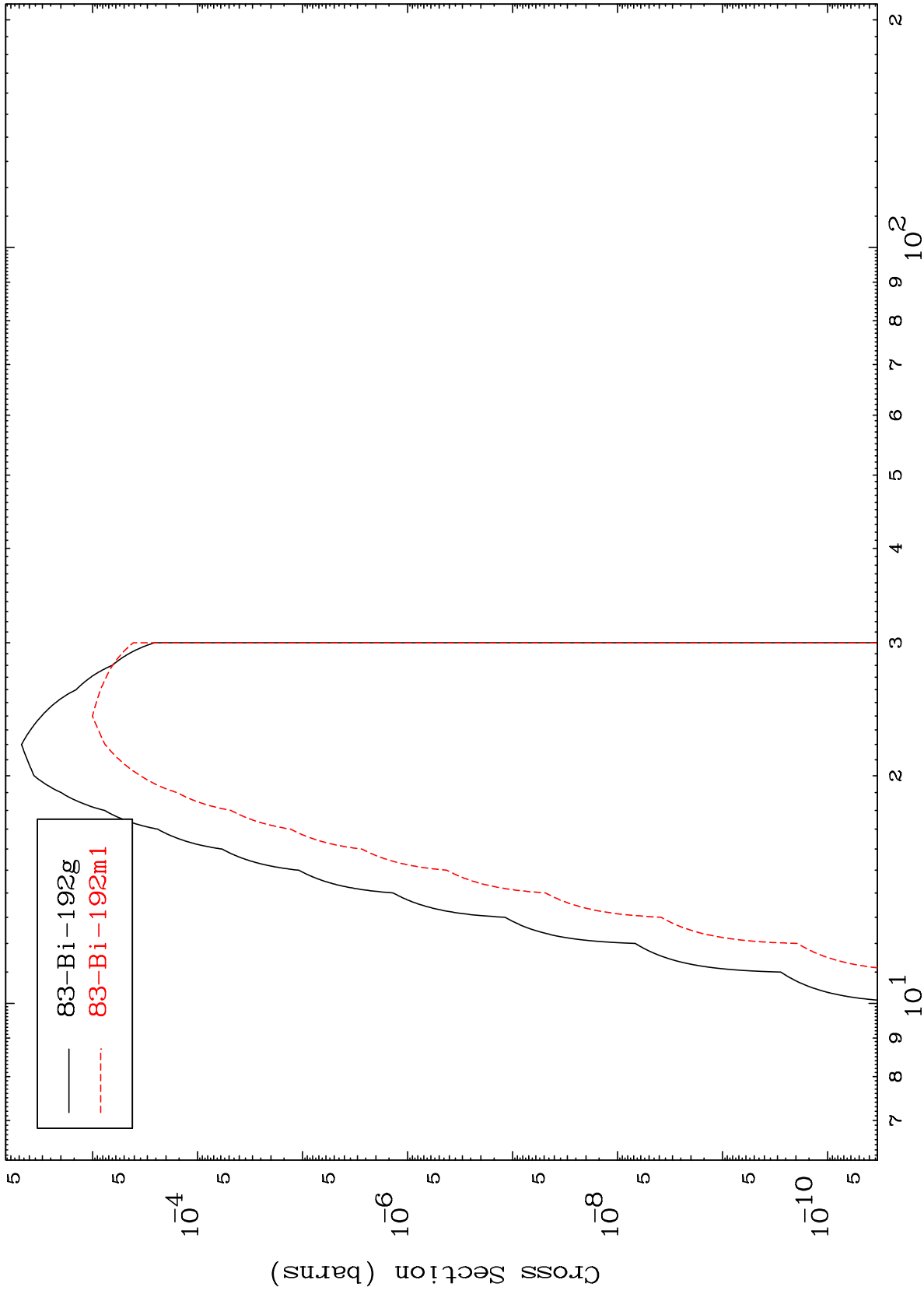
Incident Energy (MeV)

81-Tl-188

MAT 8080

81-Tl-188

Radionuclide Production Cross Section



19

Incident Energy (MeV)

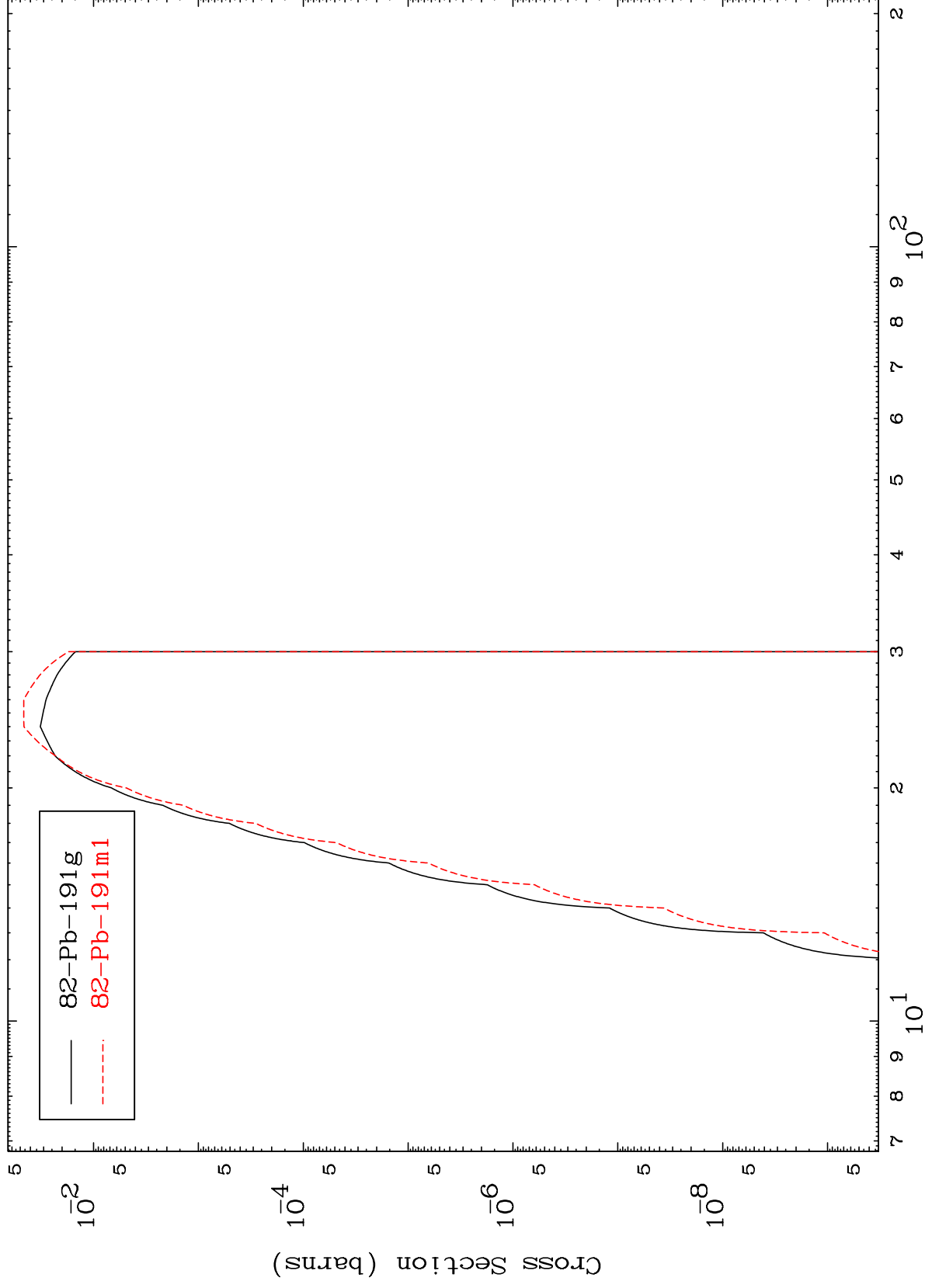
81-Tl-188

MAT 8080

(α, p)

81-Tl-188

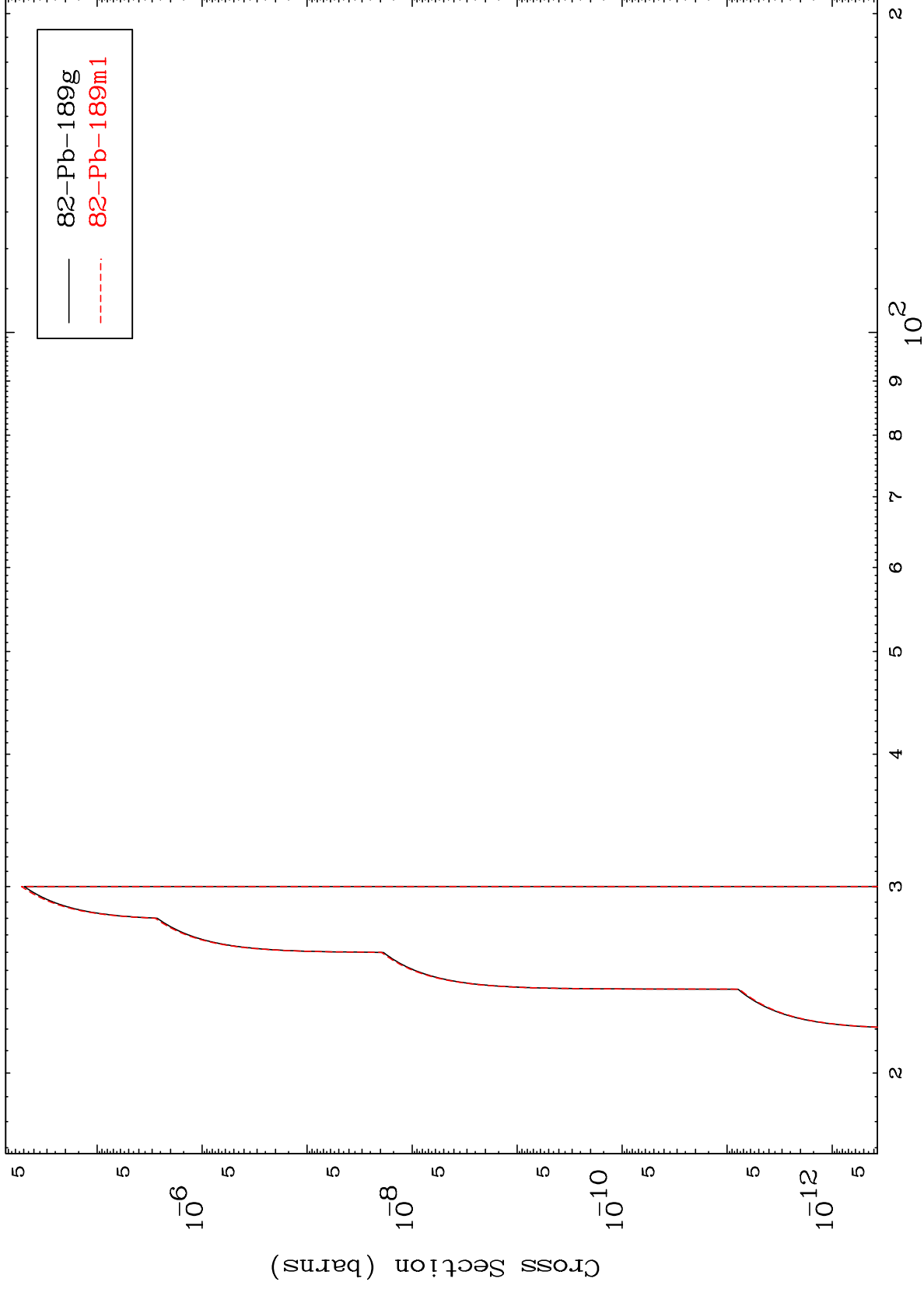
Radionuclide Production Cross Section



81-Tl-188

Incident Energy (MeV)

20

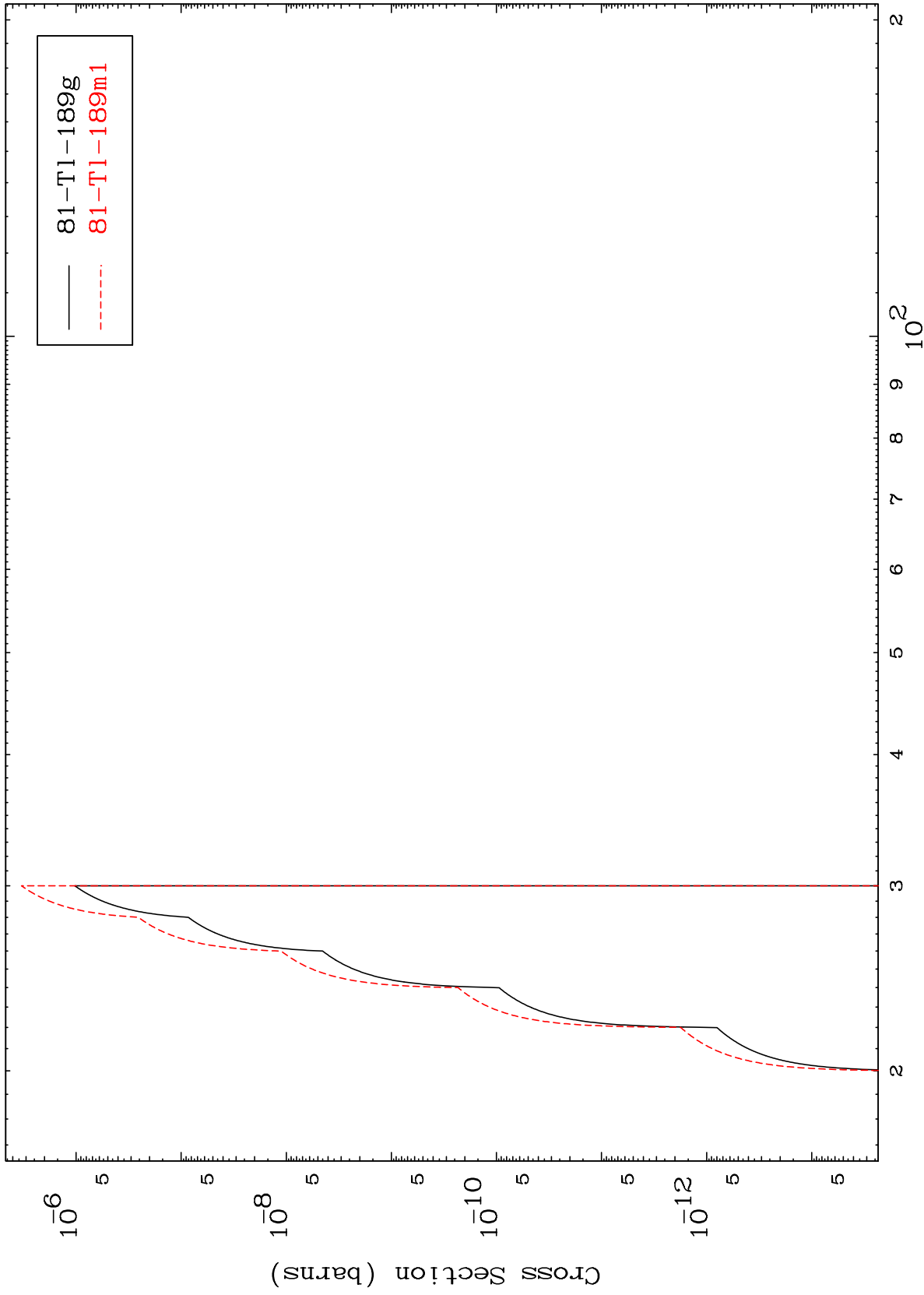
(α, t)
Radionuclide Production Cross Section

MAT 8080

(α ,He-3)

81-Tl-188

Radionuclide Production Cross Section



22

Incident Energy (MeV)

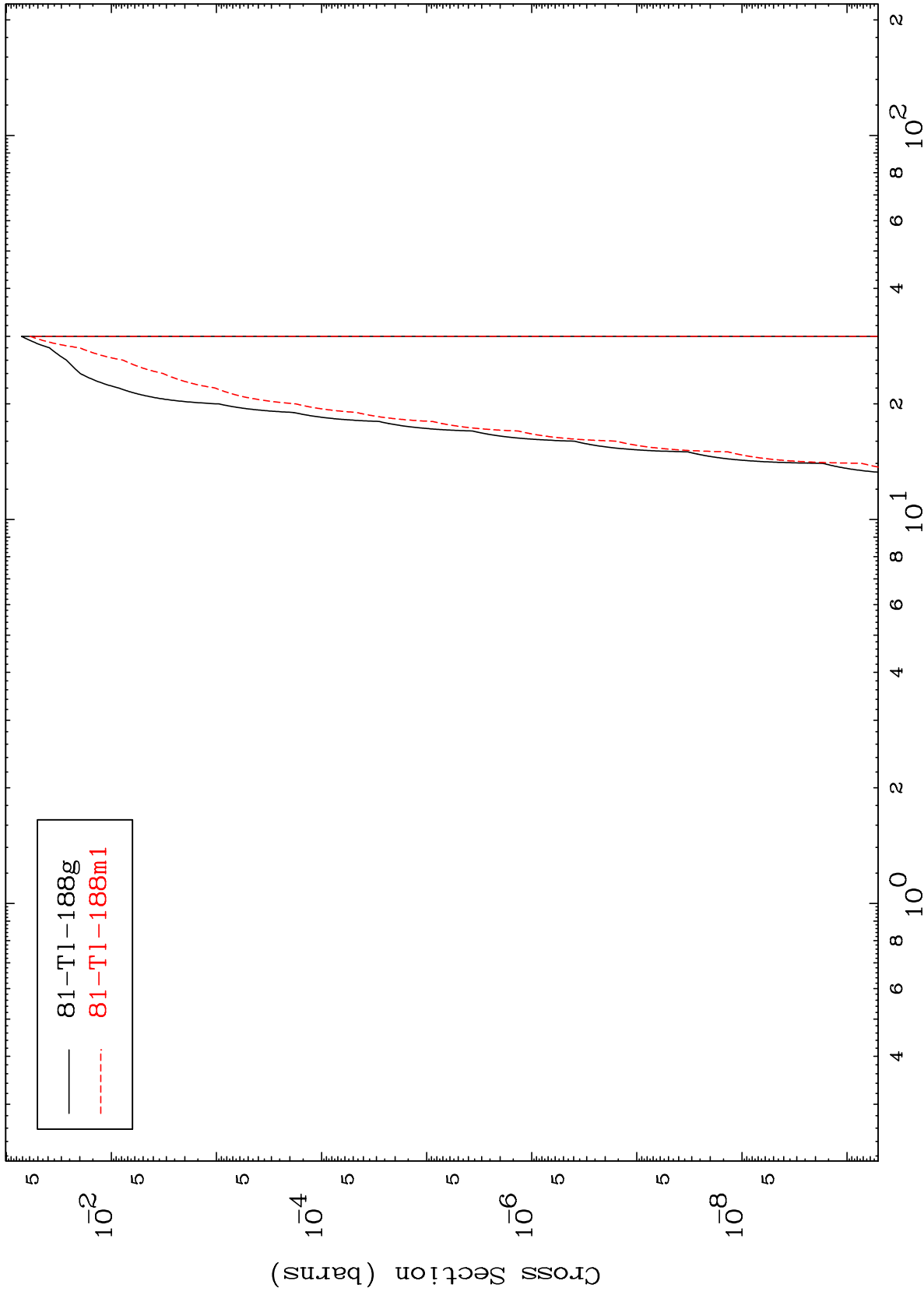
81-Tl-188

MAT 8080

(α, α)

81-Tl-188

Radionuclide Production Cross Section



23

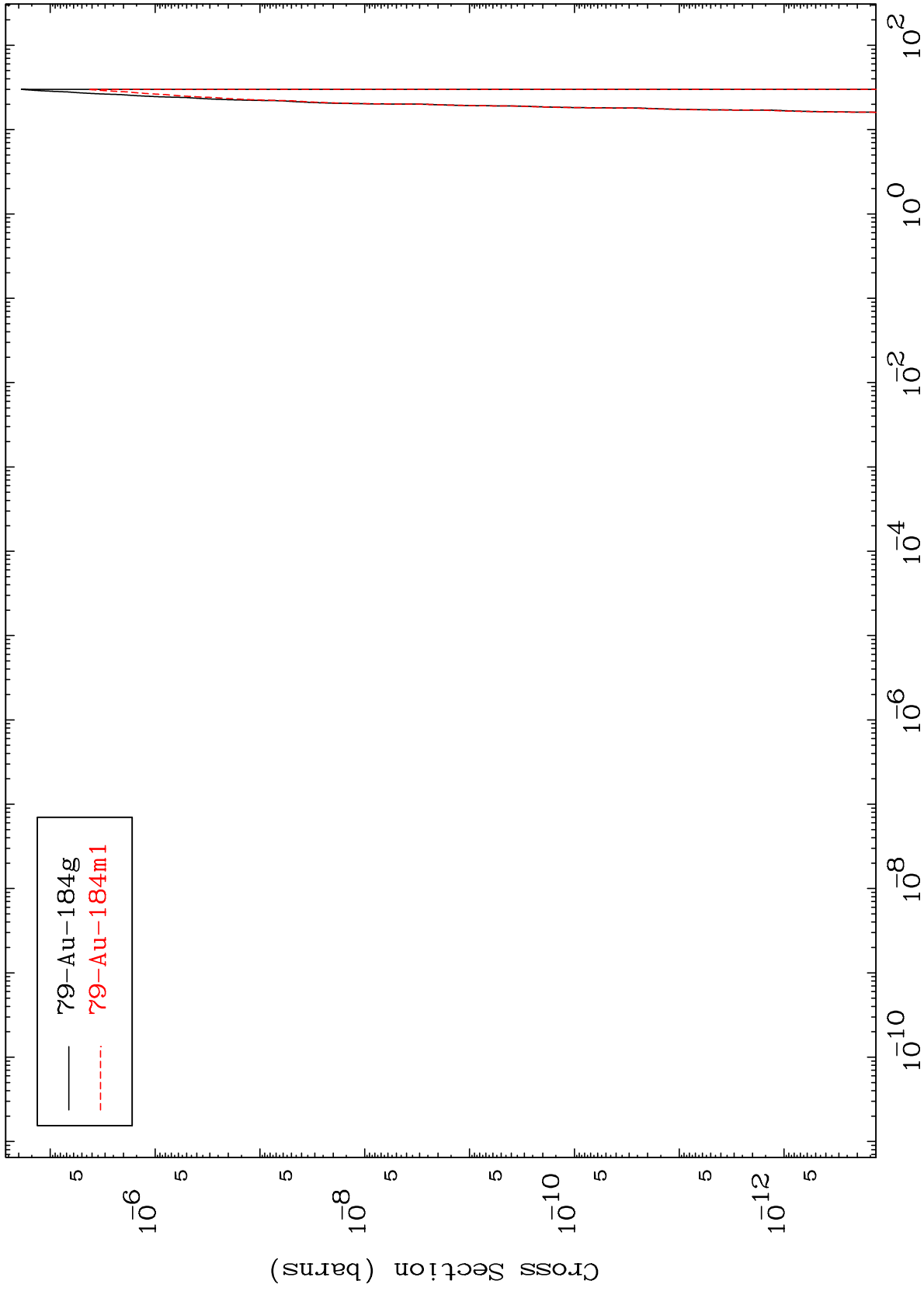
Incident Energy (MeV)

81-Tl-188

MAT 8080

Radionuclide Production Cross Section
($\alpha, 2\alpha$)

81-Tl-188



24

Incident Energy (MeV)

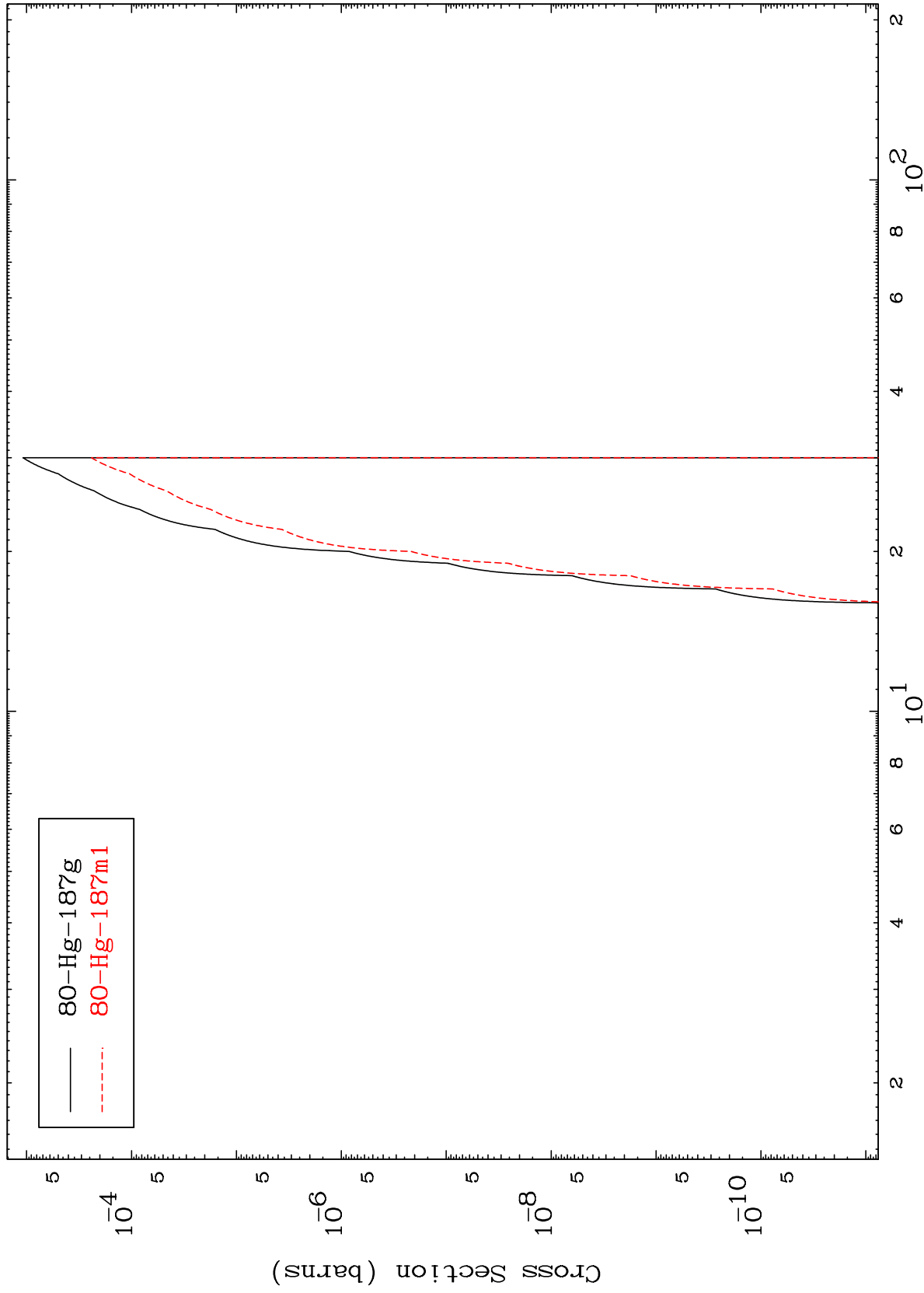
81-Tl-188

MAT 8080

(α ,p) α

81-Tl-188

Radionuclide Production Cross Section



25

Incident Energy (MeV)

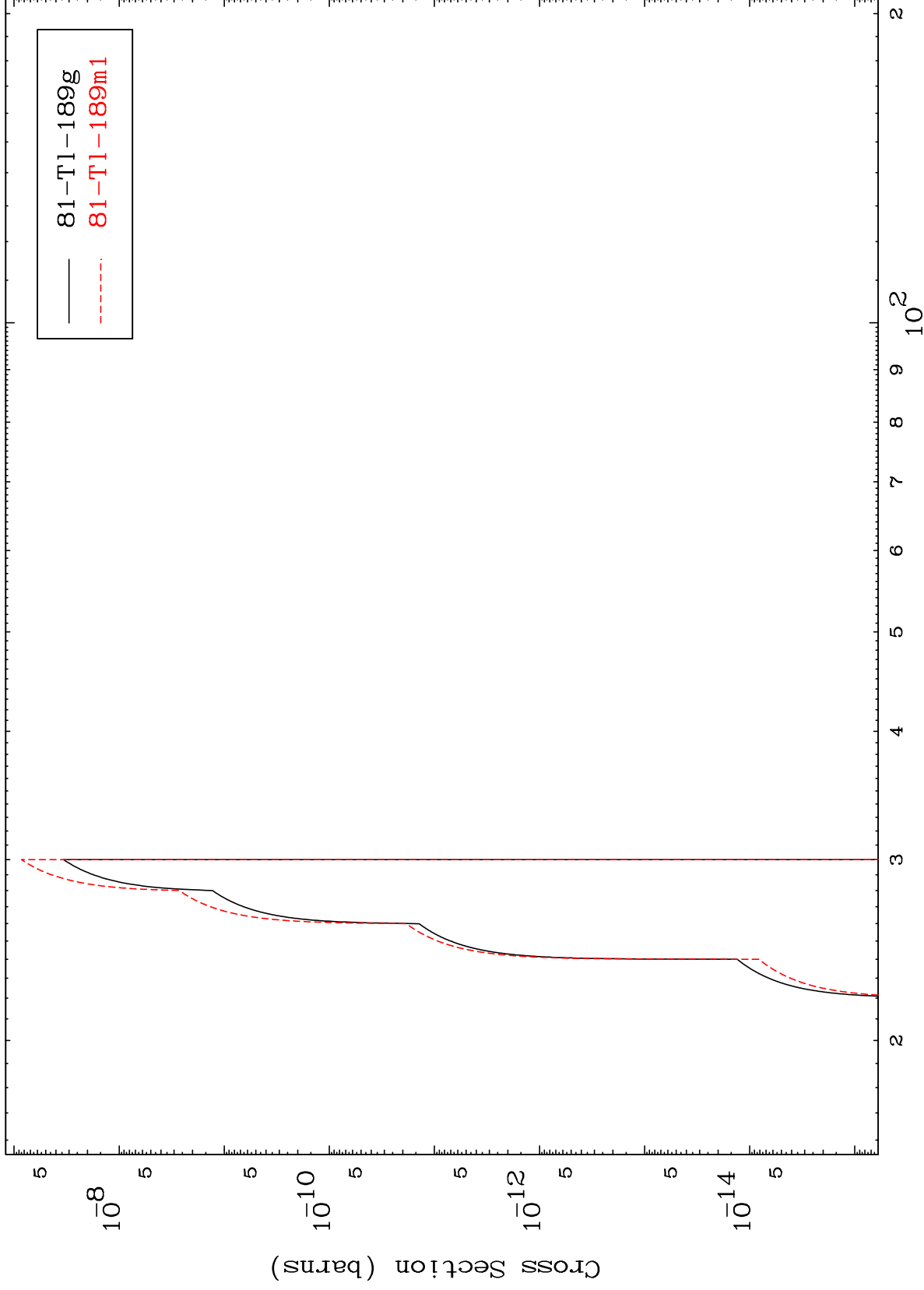
81-Tl-188

MAT 8080

(α ,p) d

81-Tl-188

Radionuclide Production Cross Section



26

Incident Energy (MeV)

81-Tl-188